



Thank you for purchasing BioDrop. BioDrop delivers excellent micro-volume measurement performance using our innovative micro-volume sample port.

This guide provides a few simple steps for the measurement and cleaning of the micro-volume sample port. With no moving parts and a robust design, the BioDrop never requires calibration or reconditioning in order to get consistently accurate and reproducible measurements.



How do you like your BioDrop?  
Scan the above QR code go to our website  
and register your comments

For more information, visit  
<http://www.biodrop.co.uk>

### Ordering Information

Product Code	Description
80-3006-61	BioDrop DUO Also available: DUO with CUVETTE 125, DUO with built-in printer, and the DUO PC*
80-3006-51	BioDrop $\mu$ LITE Also available: $\mu$ LITE with built-in printer, and the $\mu$ LITE PC*
80-3006-41	BioDrop TOUCH Also available: TOUCH with CUVETTE 125/500, TOUCH with CUVETTE Ultimate, TOUCH with built-in printer, and the TOUCH PC*

\*Requires a PC for operation

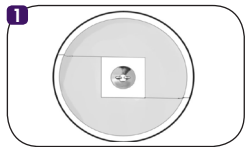


Fresh Thinking  
For Micro-Volume Measurement

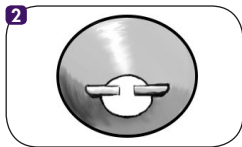
## Quickstart Guide

For more information, visit  
<http://www.biodrop.co.uk>

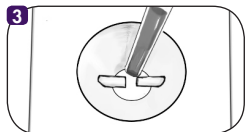
## Preparing BioDrop



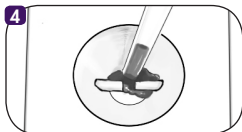
Before measurement, inspect the sample port to ensure it is clean



If not, add a drop of distilled water and wipe away with a tissue

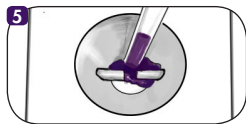


First pipette the reference into the sample port. Please ensure the correct placement of the reservoir and slowly dispense the solution in the port.



To do this, touch the pipette tip to the bottom of the sample reservoir and slowly dispense the solution.

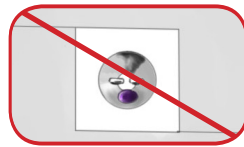
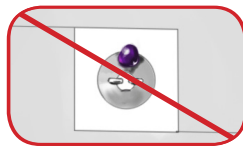
 For the best results, use a reference solution identical to the sample but without the absorbing molecule of interest



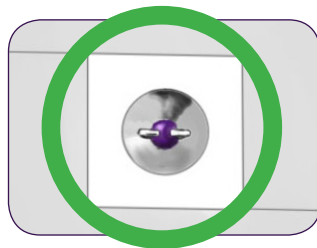
After measurement of the reference solution, wipe the sample port clean and pipette your sample by touching the tip to the probes before dispensing.

 Pipette as little as **0.5µl** of sample. For the best results, dispense **2µl** into the sample port

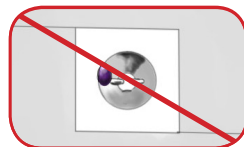
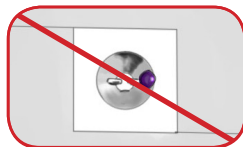
## The correct place to pipette



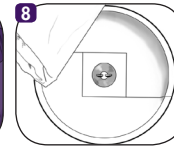
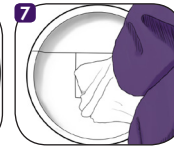
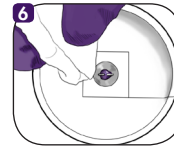
The sample or reference should be pipetted into the **centre** of the port.



The sample or reference should also be in contact with **both** port probes.



## Cleaning and Care



If you change sample types, clean the sample port with ddH<sub>2</sub>O and then reference with new reference solution.



Use a lint-free tissue or cloth to clean the sample port.



Sample can also be aspirated from the port using a pipette



Do not autoclave



Do not use abrasive cleaners



Do not use corrosive materials such as sodium hydroxide or hydrochloric acid.

### Instructional Icons

Before you use this product, please familiarise yourself with the icons you will see in this manual:



Note - tips or additional information



Caution - could cause damage to the device or other equipment.